IN THE CLAIMS

 (PREVIOUSLY PRESENTED) A coating composition for an implantable medical device comprising a combination of a bioactive material and a vehicle therefor, wherein the vehicle comprises a first compound and a second compound,

wherein the first compound is a random copolymer of Formula 1:

$$[A]_x-[B]_y-[C]_z$$

wherein A is a vinyl acetal group, B is a vinyl alcohol group and C is a vinyl acetate group and wherein x>0 and x+y+z=1,

and the second compound comprises a polymer of Formula 2:

$$[D]_n-[E]_m$$

wherein D is a vinyl pyrrolidone group and E is a vinyl acetate group and wherein $0 \le m \le 1$ and n+m=1; and

wherein the vehicle is configured to release the bioactive material when an implantable medical device onto which the coating is deposited is implanted.

- (PREVIOUSLY PRESENTED) A composition as claimed in claim 1, wherein the second compound is comprises up to 80% by weight of the coating composition.
- (PREVIOUSLY PRESENTED) A composition as claimed in claim 1, wherein n
 is from about 0.3 to 0.7 and m is from about 0.3 to 0.7.
- (PREVIOUSLY PRESENTED) A composition as claimed in claim 1, wherein the second compound is poly(vinyl pyπolidone-co-vinyl acetate) with an average Mw of about 50,000.

(PREVIOUSLY PRESENTED) A composition as claimed in claim 1, wherein [A]_x-[B]_y-[C]_z is a compound of Formula 1A:

$$\begin{array}{c|c} & & & \\ \hline \begin{matrix} O & O \\ O & \end{matrix} \\ R^1 \\ X \\ \end{array} \begin{array}{c} O & O \\ O \\ N \\ \end{array} \begin{array}{c} & & \\ O \\ R^2 \\ \end{array} \begin{array}{c} & \\ Z \\ \end{array}$$

wherein R¹ and R² are independently selected from the group consisting of a hydrogen, alkyl, alkenyl, alkynyl and aryl group and wherein optionally the alkyl, alkenyl, alkynyl or aryl group may be substituted for any pendent hydrogen atom.

- (PREVIOUSLY PRESENTED) A composition as claimed in claim 5, wherein x is from about 0.8 to 0.9, v is from about 0.1 to 0.2 and z is from about 0 to 0.025.
- (PREVIOUSLY PRESENTED) A composition as claimed in claim 5, wherein the
 first compound is poly(vinylbutyral-co-vinyl alcohol-co-vinyl acetate) with an average Mw from
 about 50,000 to about 80,000 and with about 88 wt% vinyl butyral groups.
- 8. (PREVIOUSLY PRESENTED) A composition as claimed in claim 1, wherein the bioactive material is dexamethasone, rapamycin or 17β -Estradiol.
- (PREVIOUSLY PRESENTED) A composition as claimed in claim 1, wherein the proportion of bioactive material to vehicle is from about 1:9 to about 1:1.
- (WITHDRAWN, PREVIOUSLY PRESENTED) A method for coating a medical device comprising the step of:
- (a) applying to at least a part of the medical device a first coating composition as claimed in any one of claims 1 to 9.

- (WITHDRAWN, PREVIOUSLY PRESENTED) A method as claimed in claim
 additionally comprising the step of:
- (b) applying to at least a part of the medical device a second coating composition as claimed in any one of claims 1 to 9, wherein the first coating composition and the second coating composition are the same or different.
- 12. (WITHDRAWN, PREVIOUSLY PRESENTED) A method as claimed in claim 11, wherein the first coating composition has a vehicle comprising the first compound and the second compound in a ratio from about 80:20 to about 100:0 and wherein the second coating composition has a vehicle comprising the first compound and the second compound in a ratio from about 70:30 to about 94:6.
- 13. (WITHDRAWN, PREVIOUSLY PRESENTED) A method as claimed in claim 11, wherein the ratio of the first compound to the second compound is about 98:2 in the first coating composition and about 90:10 in the second coating composition.
- (WITHDRAWN, PREVIOUSLY PRESENTED) A method as claimed claim 11, wherein the first coating composition includes rapamycin and the second coating composition includes devamethasone.
- 15. (WITHDRAWN, PREVIOUSLY PRESENTED) A medical device comprising a first coating composition as claimed in any one of claims 1 to 9, wherein the first coating composition is applied directly to the medical device.
- 16. (WITHDRAWN, PREVIOUSLY PRESENTED) A device as claimed in claim 15 comprising a second coating composition (which is the same as or different to the first coating) as claimed in any one of claims 1 to 9, wherein the second coating composition is applied to at least a part of the first coating composition.

- 17. (WITHDRAWN, PREVIOUSLY PRESENTED) A device as claimed in claim 16 wherein the first coating composition has a vehicle comprising the first compound and the second compound in a ratio from about 80:20 to about 100:0 and wherein the second coating composition has a vehicle comprising the first compound and the second compound in a ratio from about 70:30 to about 94:6.
- 18. (WITHDRAWN, PREVIOUSLY PRESENTED) A device as claimed in claim 17, wherein the ratio of the first compound to the second compound is about 98:2 in the first coating composition and about 90:10 in the second coating composition.
- (WITHDRAWN, PREVIOUSLY PRESENTED) A device as claimed in claim 16, wherein the first coating composition includes rapamycin and the second coating composition includes dexamethasone
- (WITHDRAWN, PREVIOUSLY PRESENTED) A device as claimed in claim 15 which is a stent or graft-stent.
 - 21. (CANCELED)
- (PREVIOUSLY PRESENTED) A vehicle for carrying a bioactive material, wherein the vehicle comprises a first compound and a second compound,

wherein the first compound is a random copolymer of Formula 1:

$$[A]_x$$
- $[B]_y$ - $[C]_z$

wherein A is a vinyl acetal group, B is a vinyl alcohol group and C is a vinyl acetate group and wherein x>0 and x+y+z=1,

and the second compound comprises a polymer of Formula 2:

$$[D]_n-[E]_m$$

wherein D is a vinyl pyrrolidone group and E is a vinyl acetate group and wherein $0 \le m \le 1 \text{ and } n+m=1; \text{ and }$

wherein the vehicle is configured to release the bioactive material when an implantable medical device onto which the coating is deposited is implanted.

 (PREVIOUSLY PRESENTED) A method of controlling release of a bioactive material from an implantable medical device, the method comprising:

coating an implantable medical device with coating composition comprising a combination of a bioactive material and a vehicle therefor, wherein the vehicle comprises a first compound and a second compound,

wherein the first compound is a random copolymer of Formula 1:

$$[A]_x-[B]_y-[C]_z$$

wherein A is a vinyl acetal group, B is a vinyl alcohol group and C is a vinyl acetate group and wherein x > 0 and x + y + z = 1,

and the second compound comprises a polymer of Formula 2:

$$[D]_n$$
– $[E]_m$

wherein D is a vinyl pyrrolidone group and E is a vinyl acetate group and wherein $0 \le m \le 1$ and n+m=1; and

wherein the vehicle is configured to release the bioactive material when an implantable medical device onto which the coating is deposited in implanted.